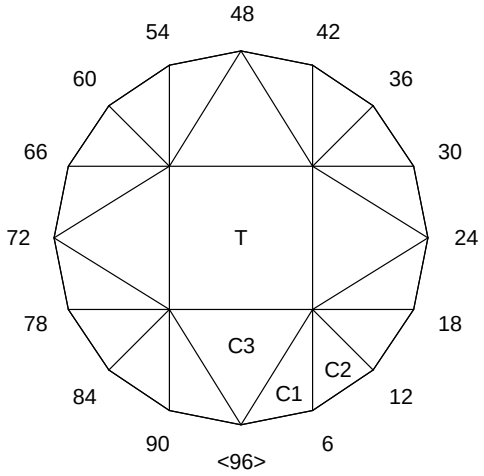
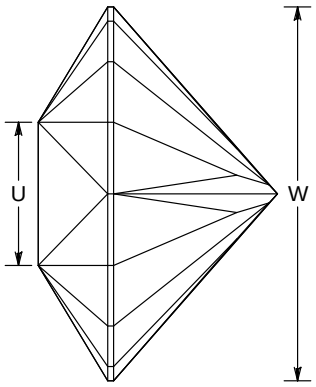
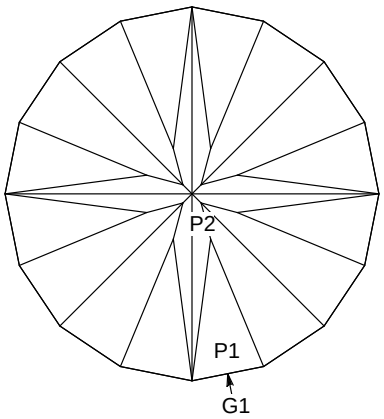
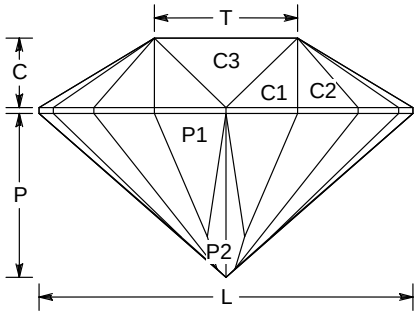






Temple Ruins

by Arya Akhavan (November 2012)
Angles for R.I. = 1.930
45 + 16 girdles = 61 facets
4-fold radial symmetry
96 index
L/W = 1.000 T/W = 0.383 U/W = 0.383
P/W = 0.438 C/W = 0.186
Vol./W³ = 0.206



PAVILION

P1	42.30°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Cut to centerpoint.
G1	90.00°	03-09-15-21-27-33-39-45-51-57-63-69-75-81-87-93	Set stone size.
P2	41.30°	01-23-25-47-49-71-73-95	Meet P1, G1

CROWN

C1	35.00°	03-21-27-45-51-69-75-93	Set girdle width.
C2	39.56°	09-15-33-39-57-63-81-87	Level girdle.
C3	31.05°	96-24-48-72	Meet G1, C1; C1, C2
T	0.00°	Table	Meet C1, C2, C3

The only reason I wrote this design is because I really wanted a simple round pattern with an obviously square table. Well, this accomplishes that very well, and has good light return as well! I like it in red-orange zircon, but works in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes.
Suggested size = 5-10 mm
C:\PROGRA~2\GemCAD\DESIGN~3\WORKSI~1\1TEMPL~1.GEM